

Message

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Subject: Chloroprene PBPK: physiological parameters
Attachments: Chloroprene Phys Params QA_11.15.19.xlsx

Hi again,

I've take Wayne Cascio off the cc list, but otherwise kept everyone for the record. This is a minor item, but one more step.

I had reviewed the physiological parameters in late summer 2018 and pointed out some minor discrepancies from Bown et al., 1997, that have mostly been addressed. The Ramboll report now reviews the issue of mouse cardiac output being larger than in Brown, provides justification for that.

All others that I identified in 2018 were updated to match Brown et al. **except** that that volume of (other) richly perfused tissue fraction (VRC) still includes lung tissue, but the lung tissue is its own separate compartment, so VRC should not include VLUC.

In the attached spreadsheet, line 21 has VRC. If you scroll to columns L-N, I calculate VRC from the Brown et al. individual tissue fractions (as percents, so 100x) and these match the values in columns D, etc. In line 21 the calculation is done with VLUC not included. So the VRC values should be updated accordingly.

-Paul